

Test Report

No. CANEC2158624651

Date: 15 Oct 2021

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ECONE FILTRATION CO., LTD
NO. 203 LIMINHU ROAD, YIWU, JINHUA, ZHEJIANG

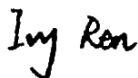
The following sample(s) was/were submitted and identified on behalf of the clients as : POLYPROPYLENE FILTER

SGS Job No. : CP21-053651 - SZ
 Model No. : PP
 Client Ref. Info. : HF
 Date of Sample Received : 11 Oct 2021
 Testing Period : 11 Oct 2021 - 15 Oct 2021
 Test Requested : Selected test(s) as requested by client.
 Test Method : Please refer to next page(s).
 Test Results : Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
FDA 21 CFR 177.1520–Maximum extractable fraction in n-Hexane	PASS
FDA 21 CFR 177.1520–Maximum soluble fraction in xylene	PASS
FDA 21 CFR 177.1520–Density at 23°C	PASS
FDA 21 CFR 177.1520–Melting Point	PASS

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch



Ivy Ren
Approved Signatory



SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch Testing Center Chemical Laboratory.

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	CAN21-186246.001	White material	PP
SN2	CAN21-186246.002	White plastic	PP

FDA 21 CFR 177.1520–Maximum extractable fraction in n-Hexane

Test Method : With reference to US FDA 21 CFR 177.1520 d(3)(i).

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 001</u>	<u>Comment</u>
n-Hexane	2hr(s)	Reflux temperature	6.4%(w/w)	2.3%(w/w)	PASS

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 002</u>	<u>Comment</u>
n-Hexane	2hr(s)	Reflux temperature	6.4%(w/w)	<0.5%(w/w)	PASS

Notes :

%w/w = percentage of weight by weight

FDA 21 CFR 177.1520–Maximum soluble fraction in xylene

Test Method : With reference to US FDA 21 CFR 177.1520 d(4)(i).

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>	<u>002</u>
Soluble fraction in Xylene	9.8	%(w/w)	0.5	4.5	1.9
Comment				PASS	PASS

Notes :

- 1.%w/w = percentage of weight by weight
- 2.ND= Not Detected(less than MDL)

FDA 21 CFR 177.1520–Density at 23°C

Test Method : With reference to US FDA 21 CFR 177.1520 d(1).



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<u>Test Item(s)</u>	<u>Limit</u>	<u>001</u>	<u>002</u>
Density at 23°C, g/ cm ³	0.880-0.913	0.882	0.904
Comment		PASS	PASS

FDA 21 CFR 177.1520–Melting Point

Test Method : With reference to US FDA 21 CFR 177.1520 d(2).

<u>Test Item(s)</u>	<u>Limit</u>	<u>001</u>	<u>002</u>
Melting Point, °C	160-180	161.7	166.5
Comment		PASS	PASS



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Sample photo:



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*** End of Report ***

